San Clemente Expedition

J. D.

Bird's

SIGNAL NOTE BOOK

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May 11, 97.

Foggy.

Left San Pedro at 6:00 O'clock in a South westerly direction. Saw in the harbor a single pair of immature Bonaparte's Gulls, which were quite tame, but silent. Saw lots of Bank Swallows flying into holes in bank on Dead-man's Island. Saw also a few tree Swallows in the harbor. Saw a single Am. Osprey on beacon on Dead-man's Island. Saw also about the Harbor a large flock of small Sandpipers, probably ereunetes; also West. Gull, Cal. Gull, and a few Heermann's Gull, 2 Cal. Pelicans, and Brandt's Cormorant. About the Kelp-beds just outside the harbor, saw through immense bunks of Shearwaters, mostly Black-vented, with a few Dark-bodied; Shot a good many. They were in a very active sexual state, and had bare areas on their bellies. They were gorged with

smelt, and were hardly able to fly from the water.

May 12.

High Fog. Reached last night to two mile West of Catalina, & on account of head wind did not make more than ten miles toward Santa Barbara Island. Saw a few fulmars, & shearwaters a few of which Gaylord identified as Pink-footed. also a few pairs of Murrelets, probably Xantus's; a Cal. Gull, & a few Western Gulls. Toward evening saw several Petrels which Gaylord identified as the Black Petrel. also Black-vented Shearwaters, a few.

May 13.

High Fog. Neared Santa Barbara Island last night. as we approach this Island, see a single Bald Eagle, a few Cal. Pelicans, Pigeon Guillemots, Xantus's Murrelet (shot one) West. Gulls,

and long lines of Brandt's Cormorants.
In going along shore in skiff a little
way saw also Baird's Cormorant, Tufted Puffin;
Land birds are heard abundantly—
Horned Larks, Linnets, Rock Wrens, Sag Sparrows
& Towns.

Landed at Noon, & made camp on the
East side of Santa Barbara. Very
rocky precipitous shores, but with smooth
rolling plateau on top, with two higher
hills. Saw two black oystercatchers.
Went but a short distance over the
mesa,— Santa Barbara Song Sparrows,
most numerous land bird; found
nests with eggs, & took or saw a
good many fully-fledged juveniles;
Horned Larks, numerous, with
the usual manners, took juv.; Linnets,
not very common, took juveniles;
Rock Wren (Saw several, and took one,
just above surf on the rocky shores);

Mourning Dove (Saw 2 fly up onto the mesa in the evening), West. G
(Very abundant about around the island on the banks just above
rocks in grass; found several
nests, mere shallow saucers; no eggs
Saw a pair copulating); Barn Swallow Cliff Swallow
(Nesting along the bank in some places,
nests large, made of coarse sticks, grass
etc, on the ground against a
weed; One nest was built in the
forks of a woody bush, 1 foot off
the ground); Saw several Ravens,
Heard Rebels flying along the shore
in evening.

May 14.

High Fog. Calm. Saw today On Island—
Santa Barbara Song Sparrow (Zon R two more set to
1/4 each; found by flushing birds from the
nesting in the sage brakes. The song of this bird
is in the main similar to those of the

mainland bird, though perhaps weaker, and not so varied. The juveniles have a call note like a Zonotrichia), Rock Wren (Nearly fledged young among the rocks, and old males singing like miniature Thrasher), House Finch (In flocks, especially in Cactus patches, eating the cactus fruit. Notes & Habits like San Clemente House Finch), Meadowlark (Perhaps 20 on the Island, including adults & juveniles, the former singing as on mainland; They stay on the mesa near summit of Island), Hermit Warbler (Horace shot 1, ♂, and 3 more seen in ravine in weeds back of camp), Pileolated Warbler (3 shot & another seen in weeds back of camp), Horned Lark (Quite common, both young & adults; 3 females, shot, contained eggs nearly ready to lay; like any other Horned Lark), Am. Raven (Two pairs on Island; a nest of sticks, on shelf on cliff 150 ft. above surf, with two nearly-grown young in),

Morning Dove (shot 3 in weed patch on mesa.

West. Gull (a good many nests around margin, a few with one or two eggs)
Cassin's Auklet (Dug a downy young about 5 days old from 3 foot hole in soil on promontory; the soil & Ice-plant in front of burrow was tramped & ragged, calling attention); Saw several other burrow-entrances
Saw either Sparrow or Pigeon Hawk on North side of Island; Thunderstorm in afternoon.

May 15.

Foggy in morning. Partly Clear in afternoon.
Nest of Horned Lark, flush with surface of ground, in hollow, under tuft of grass, 4 young, 5 days old; Pileolated Warbler (saw or took 3 more), Magnolia Warbler (shot a single male from weeds in ravine, no note), Myrtle Warbler (a single one, shot on wing)
Several Warblers flew past around Island from the South-east, probably migrants

Sets of Song Sparrow.

1. — 1/5 — Inc. begun; Nest 18 in. up in thick sage bush.
May 14.

2. — 2/4 — Fresh; Nest 20 in. up in sage bush;
May 14.

3 — 3/4 — Inc. Advanced; Nest 10 in. up in sage bush.
May 14.

4 — 4/3 — Inc. Advanced; Nest 20 in. up in sage bush;
May 15.

5 — 5/3 — Inc. well begun; Nest 10 in. up, between leaves of cactus, & surrounded by weed stems. May 15.

Brandt's Cormorant Eggs.

4/3 21/4 39/3 24/4 34/3 22/3 41/4 35/4 18/3 33/4
16/3 14/3 23/3 37/3 8/3 1/3 9/3 32/4 31/4 5/3 15/3
27/3 2/3 26/4 20/4 40/4 6/2 19/3 (10/2 25/2 44/2 28/2
17/2 36/2). Rest Broken Sets.

Nests from 10 to 30 feet above surf on steep bank at base of cliffs. Saucer-shaped, made of sea-weed & algae. Two nests contained young just hatched; the rest of eggs, fresh to badly incubated. Birds of same kind together.

Farallone Cormorant, Sets – 11/4 12/3 Fresh.
Nests built on isolated rock a hundred yards North of main Island; made of sticks grass & sea-weed; 75 ft above surf; Only two or 3 others seen.

Pigeon Guillemot, Sets 1/2 2/2 3/2 4/1 2 nc. began laid on bare gravel under boulders away back in cave just above tide-line.

There are about a dozen Puffins (Tufted), on the north end of the Island; They evidently have burrows in the rock at the top of the cliffs, but they are very shy.

The Baird's Cormorants have nests in niches on the perpendicular faces of the cliffs, like Violet-green Cormorants, but are inaccessible. Saw West.

Gulls pounce down and carry off Cormorant's eggs, as soon as the latter left their nests. The Ravens evidently do the same.

May 16.

Cloudy most of the day. Took two of Townsend's Warblers in ravine back of camp. Also saw Pileolated Warbler,

(2) (3)

Bald Eagle (1 flying & soaring overhead).
Explored Nest on Horse Tail Neck 2
Nests then 3 seen. Some possibly of this
variety. Went over to Sa-
Wash Island this evening. Found
large numbers of Gulls nesting,
[illegible] numbers of
Common [illegible] Red Throated
[illegible] Gulls; Of these
examined 4 contained fully incubated
eggs each with dead bird, & newly
hatched young, alone. The burrows
[illegible] 2 to 4 feet long and very
tortuous. The nest cavity [illegible]
[illegible] about 4 [illegible]
some what elliptical [illegible]
the nests are:—

May 17.

Partly clear. Heavy westerly winds. Set of [illegible] fully incubated Linnets eggs, nest 18 inches up [illegible]. [illegible] cactus on side of ravine. Visited the Farallone Cormorants' [illegible] on side of rock, no eggs yet.

May 18.

Partly clear. Heavy west wind. Went around the Island part of the time. Saw about 20 sets of [illegible] Gull eggs 1/3 a few 1/2. Saw [illegible] (4), Horned Lark (very numerous), Savanna Sparrow, Song Sparrow (numerous), Meadowlark (a single flock), [illegible] House Finch, not as abundant as the Horned Larks or Song Sparrows), Rock Wren (a few around edges of Bluffs).

Packed [illegible] on board [illegible] ready for San Nicolas Island.

May 19.

Foggy. All day. Left Rehoboth
at 8 o'clock this morning, & with
fair easterly breeze, arrived at
San Nicolas Island at nearly noon, &
made camp. Saw on approaching
the Island, large numbers of
Canada Geese — flying & Islands
floating. Also many Brants
Cormorants & West. Gulls; in the
shear water. This, the west
end of the Island is very barren
& sandy. Hoard Finches are the
most numerous Land birds, & also
few very shy Rock Wrens, & a
single pair of Linets; also an Osprey
& a pair of Ravens. Saw
a fine Peale Peregrine on the wing
among the Island.

May 20.

Foggy. Visited both ends of the Island
[illegible] Two and back — the Ravens
[illegible]

my vegetation. Saw a single Mourning
Dove. Shot a single of Woodpecker;
the [illegible] flies from its perch to
the fence wire. A few very shy
House finches about the scattering sunflower
patches in the canons and along the
Bluffs. Horned larks are abundant
on the mesas near the beach. One
empty nest was built in a depression
under a weed in a knoll. Quail
found a nest of 3 eggs, which was lost.
Juvenile Red-tailed Hawks are common and
the only ones observed today, as the
adults are very shy and stay high. Saw
an Osprey carrying a fish inland
the mountains. Two Turkey Vultures are
the first Road forayers. Saw
a single adult Bald Eagle. Two
pairs of Snowy Plover on the
[illegible] beach. From the actions of
[illegible] (chasing, diving, wing-flailing) they

comfortably resting, though the single
4 Cabin would not have held for it
least a week. The Plain was
flanked from the Tops of sand-dunes
which line the banks just above
high tide mark, where the water must
have been.

May 21.

Foggy. The few remains about are
exceedingly dry. Saw Two Ravens
Hovering Down. Saw remains
of a Cub Polar Bear. Heard
Petrels calling in the night (1:30 A.M.)
and one was seen passing the Cantion.

May 22.

Foggy. Went to the west end of Island
One top is a nearly level mesa, covered
with a scanty growth of Tartar grass
& sea-plant. Horned Owls very numerous
on this mesa. The water is
temporarily drained of many ponds

warrow woods, and among these are
Rock Wrens, in considerable numbers.
Next in natural order in a sandstone
wall of one of stone cuts, two feet
from top & 3 feet from bed. Set of
6 incubated eggs. The bird was
flushed from nest only after ten
persons had passed directly above the
nest. Neither found bird again nor
the adults at any time are extremely
shy. Saw 5 more Horned Larks
by the road. Also 6 Meadowlarks in a
single flock, usually among themselves.
South end of Island very barren and
consequently very few birds.

May 21.

Foggy in forenoon. Quite clear with
light S.W. breeze by noon. Shot an adult
& young Cedar Birds, & female Kingbird
Ledges of rock at stone beaches. Two
male Harriers. Ospreys have

after. Shot at one, which was carrying a fish, which it dropped. The first was headless & had large claw holes in its sides, but was still flopping. a mackerel. Shot a single raven from a pair which has visited camp several times. The remaining bird stayed around a few while but was shy on the approach. Eagle. A flock of 9 mourning doves, reported. Large flocks of Gulls & Cormorants seem following schools of fish.

May 24.

Nearly Clear Morning. Went to Rattlesnake Island again today. Flushed a single Great Blue Heron off the beach. On Sheering Island we found large [illegible] of Gulls. She possibly had a nest, as she acted like it. Saw also Harbor Seals (both juvenile, [illegible]

Red Wing, Am. Rob., Am. Osp., Hous
Finch (Sanderling 5 all day).

May 25.

Partially Cloudy. Hard West wind in co
Took a 9 Spotted Sandpiper. Quite
well developed. It was along beach at
the east end of Island. Took a
Short-billed Dowitcher at Tide pool at bathing
point. It was alone and not shy. Tes
not developed; possibly immature.
Saw the diffing merlin like a Red Wing
Saw 4 shot at Lost a single White-
throated Sparrow. Many Spotted Sandpipers
along the beach. Saw Short-billed
female Red Wing nearly ready to fly
but very shy, evidently with fledg
at first sign of danger. The
youngest yellow Wing have a dull
buff much like the ordinary one
of Bigord Wing.
A large number of Swallows, &

found a Pinnate next built on Rock on
under side of Shelving Rock about 10 or
15 feet above Sand & very deep.
Farallone Cormorants & West. Gulls nesting
on the sandy Point.
Boyle
found on Northeast shore of the Island
a small rookery of Brandt's Cormorant
(Nests mostly empty) four with eggs),
1 West. Gull (3 nests 3 eggs). Also saw
also about 15 Cal. Brown Pelicans with
no signs of nesting. Also Farallone
Cormorant & Sooty Shears.

May 26.

Partly Clear. Go a mile and
along North side of Island, saw Large
numbers of Cassin's Auklets. They were
apparently in pairs, that they were
mated to the [illegible] and have taken
up in from feet from on the beach.
We leave San Nicolas with four Whitey
barges for San Clemente Island.
Horace took this at Cormorant rock 1/3 fully
[illegible] Horned Lark. On depression on
ground [illegible] the grass

May 27.

Foggy. Clear in afternoon. Left [illegible] at 1 o'clock in morning & arrived at Smugglers Cove at 7:00 in afternoon. [illegible] wind. Black-footed Albatross & [illegible] 8 Black Petrels seen by Gayford during [illegible]

May 28.

Clear most of day. Made Camp & [illegible] following birds — S.C. Wren (Common, [illegible] numerous), S.C. Towhee (2 or 3 B. [illegible] in sight), S.C. Song Sparrow (Only 2 or 3 heard), [illegible] Finch (Abundant, [illegible]), Bush Tit (Very scarce, only 2 seen & heard), Mourning Dove (Several [illegible]), Shrike (2 or 3 may stay), Rock Wren (Heard), Horned Lark (Heard most [illegible]), [illegible] Bald Eagle (2 imm. seen flying along [illegible] chased by Crows). [illegible] (Heard most [illegible]), [illegible] (Heard some, probably [illegible] squeaking like [illegible] Hummingbird).

May 29.

Clear. Warmer. Fishing was noted.

May 30.

Partly Clear. Saw a single meadowlark in the road coming in the cherry ranch. No other comment was noted.

May 31.

[illegible] in coming a change. Warm. Went on [illegible] two miles west of camp to a large [illegible] cottonwood a considerable growth of Cherry, etc. Saw following birds: S.C. Wren (Tolerably numerous; juveniles predominant), Rock Wren (Saw one & singing on side of Canon, very rare compared with large numbers on San Nicolas), Bush Tit (Tolerably common in large cherry bushes; saw adults feeding young; about 1/2 singing), Shrike (More numerous; Took 2 - juvenile, full grown; found several old nests in cherry trees in head of canon), Cedar bird (Saw one fly down canon & then back up; notes, carriage, and minor coloring perfectly recognized)

Towhee (Rather common, though always
and very secretive; usually heard
scratching leaves in the dense thick
in the manner of Fox Sparrows; has
but once a note which distantly resembles
the call of the mainland bird
we probably have yet), Song Sparrow
(Not at all common; very few seen; fall migrant
and very quiet), Bell's Sparrow (Common
in dry brush & weeds; juncos common
singing), House Finch (Tolerably common),
Cactus Rock (Common; nest in [illegible] feet above
bed of cave in crevice on perpendicular
wall), Horned Lark (Tolerably common in weeds
no young seen), Allen's Hummingbird (Rare; seen
Osprey (Common), Bald Eagle (One immature
Mourning Dove (Quite common, nesting. 4 with
eating; old nests seen), Valley Partridge (
Found Company of adults with large contingent
flock of downy young; notes numerous. The
[illegible] so on mainland; do think

heard — bird of some; a woman told me that [illegible] valley, at the north end of the Island, had entertained about a hundred (until recent years ago).

June 1

Partly foggy. Saw White-throated Swifts this morning. Also a pair of Red-tailed Hawks flying about very noisily and apparently courting.

June 2.

Foggy in morning. Heard about a thrasher this morning. Saw about camp today, Mourning Doves, S.C. Towhee, Bell's Sparrow, etc.

June 3.

Partly Clear. Went over to large canon this side of china point, and went up it to the mesa on top of Island. Saw following birds:—— S.C. Wren, Rock Wren (Only 2 or 3), Mocking bird (5 or 6 in some large cactus patches; probably family & young). Only Warbler,

Shrike, Towhee, S.C. Song Sparrow, Bell's [illegible]
Chipping Sparrow (2 pair were about the
yard in a very narrow part of the canyon
not a nest and song is a wonderful)
House finch (the most numerous kind of
the region; very common around water holes;
nest under bridges, partly deserted by the
time of writing), Raven (Not common
[illegible] of high cliffs), Horned Lark (Not so
[illegible] in grass, sheltered by [illegible]
[illegible] rather [illegible] [illegible] of [illegible]
[illegible]), Allen's Hummer. (1),
Osprey, Mourning Dove (Not [illegible] on
[illegible] dead branches; [illegible]
[illegible] [illegible] [illegible] [illegible]),
Valley Partridge (5 adults), & Wood Pewee
(a single one seen circling [illegible] on a
day [illegible]; might be either C. Kirt. or C.
[illegible]

Birds are more numerous in the
canyon than on the desert above.

June 4 1897.

Partly foggy. Warm.

June 5

Nearly Clear. Very Warm. Went up on the top of Island & Rock down a big canon west of camp. Saw quite a number of Just Ringbirds in the cactus plateau on the mesa. They were shy, but their habits are as on mainland. Horned Larks were common. Heard a [illegible] Sparrow on other side of canon. Found a pair of Rock Wrens in deep canon running in from S. Rocky wall there must contain abundance of food. Am sure should find eggs would have been hard — but 10 days before. Both birds very tame as usual. Wrens very shy but as the case to prove to be true. [illegible]

June 6.

Partly Clear. Saw 9 & 5 Willets [illegible]
Took out to fish Morning Dove, Hen
4 11.4 in Chevy. Left pilot, Flemy, [illegible]
Mal.

June 7.

Partly Clear Packed up This
[illegible] 11130 [illegible]
[illegible] Hanson at 4 4 P.M. [illegible]
[illegible] South End and 4 11.3
[illegible] Tall (2 pair), Bald Eagle (1),
[illegible] (Saw 3 nests with young
[illegible] 4 to 5 weeks old).
[illegible] (2 or 3), Red Tail, of
[illegible] Several Nest, Flycatcher
Crow & Hawk, Horned Finch, Song Sparrow
S.C. Warbler, Tanager.

June 8.

Leaving from Santa Monica to Catalina,
[illegible] Block Island
Block Island [illegible]

June 9.

Sailed from Catalina to San Pedro
& Lumber. Saw several Light-bellied
Shearwaters, Black-vented Shearwaters,
Wm's Petrels, 1 Royal Tern off Pt. Fermin,
2 unidentified Cormorants and several Gulls,
some Kind of Petrels going N.W. [illegible]

List of Birds Collected.

1.	Dark bodied Shearwater	♂	of San Pedro	2484
2.	Black-vented "	♂		2485
3.	Black-vented "	♂		2486
4.	Black-vented Shearwater	♀		2487
5.	" " "	♀		2488
6.	" " "	♀		2489
7.	" " "	♂		2490
8.	" " "	♀		2491
9.	" " "	♂		2492
10.	" " "	♀		2493
11.	" " "	♀		2494
12.	Xantus Murrelet ♀		Santa Barbara	2495
13	Santa Barbara Savy Sparrow	♀		2496
14	" " " "	♂		2497
15	" " " "	♂		2498
16	" " " "	♀		2499
17	" " " "	♀		2500
18	" " " "	♂		2501
19	" " " "	♂		2502
20.	" " " "	♀ juv.		2503
21	" " " "	♂ "		2504

5	Hermit Thrush	♂ jun.	2525
6	" "	♂ jun.	2527
7	" "	♂ jun.	2530
8	" "	♀ jun.	2531
9	Wilson's Thrush	♂ jun.	2532
10	Rock Wren	♂	2533
11		♂ jun.	2534
12	[illegible]	♂ jun.	2535
13	Hermit Warbler	♀	2536
14	Palmated Warbler	♂	2537
15	" "	♀	2538
16	" "	♀	2539
17	Magnolia Warbler	♂	2540
18	Myrtle Warbler	♀	2541
19	Palmated Warbler	♂	2542
20	" "	♀	2543
21	[illegible]	♂	2544
22	[illegible]	♀	2545
23	" "	♂	2546
24	[illegible]	♀	2547
25	Meadow Lark	♀ jun.	2548
26	"	♂ jun.	2549
27	Rock Wren	♂	2550

69 Harvard clock ♂ 2551

70 " " ♂ 2524

72 " " ♂ 2163

71 " " ♀ 2154

72 ♂ 2515

73 " ♀ [illegible] 2[illegible]

74 " ♂ [illegible] 2[illegible]

75 [illegible] ♂ 2[illegible]

76 [illegible] ♂ 2[illegible]

77 " ♂ [illegible] 2[illegible]

78 " ♀ [illegible] 2[illegible]

79 " ♀ [illegible] 2[illegible]

80 Pepys Hall clock ♂ [illegible]

81 " " ♂ [illegible]

82 [illegible] ♂ 2[illegible]

83 [illegible] ♀ 2[illegible]

84 " " ♀ 2[illegible]

85 Robert Hooke's clock ♂ 2[illegible]

86. Cassini's clock ♀ 2[illegible]

87. " ♀ 2520

88 " ♀ 2521

89 " ♂ 2572

90 " ♀ 2573

1. Common Bittern ♀

2. " " ♂

3 " " ♂

74. " " ♀

75. " " ♂

96 " " ♀

97 " " ♀

98 " " ♂

99 " " ♂

100 " " ♀ juv

101 " " ♂ juv

102 " " ♀ juv

103 " " ♀ juv

104 Rock Wren ♀

105 " " ♂

106 Long-billed Marsh Wren ♂

107 " " ♀

108 " " ♀ juv

109 " " ♀ juv

110 Short-billed Marsh Wren ♀

111 " " ♀

112 " " ♂

113 " " ♂

114	Fr. Barbara Bay Shore	♂		2559
115	" " " "	♂		2578
116		♂		2
117	"	♂		2
118	" "	♂		2
119	"	♂		2
120	" "	♂		2
121	" "	♂		2
122	[illegible]	♂		2
123	"	♂		2
124	"	♂		2
125		♂		2
126	" "	♂		2
127	"	♀		2
128	"	♀		2
129	Mt. Lowe R.	juv.		2
130	Mt. Wilson	♂		2
131	Rock Wren	♂	San Nicolas	2
132	" "	♂		2
133	House Finch	♀		2
134	" "	♀		2
135	" "	♂		2
136	" "	♂		2
137	" "	♂		2

138	Wood Pewee	♀	2621
139	Rock Wren	♀	2614
140	"	♂ juv.	2613
141	"	♂ juv.	2619
142	"	♀ juv.	2625
143	"	♀ juv.	2616
144	"	♂ juv.	2627
145	"	♂ juv.	2624
146	"	♂ juv.	2629
147	"	♀ juv.	2630
148	"	♂ juv.	2631
149	Snowy Plover	♂	2632
150	"	♀	2633
151	Horned Lark	♂	2634
152	"	♂	2635
153	"	♂	2636
154	"	♂	2637
155	"	♂	2638
156	"	♂	2639
157	"	♂	2640
158	"	♂	2641
159	"	♂	2642

160	Horned Lark	♀	
161	" "	♀	
162		♀	
163	" "	♀	
164	" "	♀	
165	[illegible]	♀	
166	[illegible]	♀	
167	" "	♂ jv.	
168	Rock Wren	♂ jvv.	
169	" "	♂ jvv.	
170	" "	♀ jvv.	
171	" "	♂ jvv.	
172	" "	♂ j	
173	Horned Lark	♂	
174		♂	
175		♂	
176	" "	♂	
177	" "	♂	
178	" "	♀	
179		♀	
180	" "	♀	
181		♀	
182		♀	

183	House Finch	♂	2666
184	Rock Wren	♀	2667
185	" "	♂ juv.	2668
186	" "	♂ juv.	2669
187	Horned Lark	♂	2670
188	" "	♂	2671
189		♂	2672
190		♂	2673
191	"	♂	2674
192		♂	2675
193		♂	2676
194		♂	2677
195		♂	2678
196	" "	♀	2679
197	" "	♀	2680
198	" "	♀	2681
199	Wood Duck	♂	2682
200	Am. Raven	♂	2683
201	Rock Wren	♂	2684
202		♂	2685
203		♀ juv.	2686
204		♂ juv.	2687
205		♂ juv.	2688

206.	Horned Lark	♂ juv.	2689
207	"	♂	2690
208	"	♀	2691
209	"	♀	2692
210	"	♀	2693
211	Rock Wren	♂	2694
212	"	♂	2695
213	"	♀	2696
214		♀ juv	2697
215		♀ juv	2698
216	Horned Lark	♂	2699
217	Spotted Sandpiper	♀	2700
218	Black-necked Stilt	♂	2701
219	Farallone Cormorant	♂ im.	2702

San Clemente Island.

220.	S. C. Towhee	♂	2703
221	" "	♂	2704
222	Rock Wren	♂ juv.	2705
223	S. C. Wren	♀	2706
224	"	♂ juv.	2707
225	" "	♂ juv.	2708
226	House Finch	♀	2709
227	" "	♀ juv.	2710

228	House Finch	♂	2711
229	" "	♂	2712
230	" "	♂	2713
231	" "	♂	2714
232	Am. Osprey	♂	2715
233	House Finch	♂	2716
234	" "	♂	2717
235	" "	♀	2718
236	" "	♂ juv.	2719
237	" "	♂ juv.	2720
238	" "	♂ juv.	2721
239	S.C. Song Sparrow	♀ juv.	2722
240	Bell's Sparrow	♀ juv.	2723
241	S.C. Wren	♂ juv.	2724
242	S.C. Song Sparrow	♂	2725
243	" "	♂	2726
244	" "	♀ juv.	2727
245	" "	♂ juv.	2728
246	S.C. Wren	♂ juv.	2729
247	" "	♀ juv.	2730
248	Bell's Sparrow	♀	2731
249	" "	♀ juv.	2732
250	" "	♀ juv.	2733
251	" "	♀ juv.	2734

252 Grasshopper Warbler ♂ 2735

253 House Finch ♂ 2736

254 Bell's Sparrow ♂ 2737

255 " " ♂ jun 2738

256 Skylark ♀ jun. 2739

257 S.C. Towhee ♂ 2740

258 " ♂ 2741

259 " ♀ 2742

260 " ♀ 2743

261 Partridge ♂ 2744

262 " ♂ 2745

263 " ♀ 2746

264 Horned Lark ♂ 2747

265 " " ♀ 2748

266 S.C. Song Sparrow ♂ 2749

267 Bell's Sparrow ♂ 2750

268 " " ♂ 2751

269 " " ♂ jun 2752

270 " " ♀ jun 2753

271 S.C. Wren ♂ 2754

272 " " ♀ jun 2755

273 " " ♀ jun 2756

274 Dusky Warbler ♂ 2757

275	Dusky Warbler	♂	2758
276	"	♀	2759
277	"	♀	2760
278	S.C. Wren	♀	2761
279	Bell's Sparrow	♀	2762
280	" "	♀	2763
281	" "	♂ juv	2764
282	House Finch	♂	2765
283	"	♂ juv.	2766
284	"	♀ juv.	2767
285	"	♂ juv	2768
286	Shrike	♀	2769
287	House Finch	♂	2770
288	" "	♀	2771
289	" "	♂ juv	2772
290	" "	♀ juv	2773
291	" "	♀ juv	2774
292	" "	♂ juv	2775
293	S.C. Song Sparrow	♂	2776
294	" "	" ♀ juv	2777
295	S.C. Towhee	♂	2778
296	S.C. Wren	♂	2779
297	"	" ♀ juv	2780

298 S.C. Wren ♂ juv
299 " " ♀ juv
300 Mourning Dove ♂
301 " " ♀
302 House Finch ♂
303 " " ♀ juv
304 " " ♂ juv
305 S.C. Say Phoebe ♂ juv
306 S.C. Wren ♀ juv
307 " " ♂ juv
308 " " ♂ juv
309 " " ♀ juv
310 Am Raven ♀
311 Valley Partridge ♂
312 " " ♂
313 " " ♀
314 Shrike ♀ juv
315 S.C Towhee ♂
316 " " ♀
317 Horned Lark ♂
318 " " ♂
319 S.C. Sage Sparrow ♂
320 " " " ♂
321 " " " ♂

322	Dusky Warbler ♂	2805
323	S.C. Wren ♂ juv.	2806
324	Bell's Sparrow ♀ juv.	2807
325	" " ♂ juv.	2808
326	" " ♀ juv.	2809
327	S.C. Towhee ♀	2810
328	House Finch ♂	2811
329	" ♂	2812
330	West. Flycatcher ♀	2813
331	" " ♂	2814
332	Rock Wren ♀	2815
333	Horned Lark ♂	2816
334	" " ♀	2817
335	" " ♀	2818
336	Mockingbird ♂	2819
337	House Finch ♂	2820
338	" " ♂	2821
339	" " ♂	2822
340	Mourning Dove ♂	2823
341	S.C. Wren ♀ juv.	2824
342	S.C. Song Sparrow ♀ juv.	2825
343	" " " ♀ juv.	2826
344	" " " ♀ juv.	2827

345	Am Osprey ♂ juv.	2828
346	" " ♂ juv.	2829

Report.

Itinerary.

Description of each Island in detail.

List of Land birds from Each Is. Res. & Mig.

Entire list of Water-birds with brief Notes.

Entire List of birds seen on trip, with full notes.